



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: **(1) Masayuki AZUMA (2) Hirofumi SHIMODA, (3) Mani FISCHER**

Application No./Patent No.: **10/053,377** Filed/Issue Date: **January 23, 2002**

Entitled: **HIGH SPEED METHOD OF ALIGNING CUTTING LINES OF A WORKPIECE USING PATTERNS**

Kulicke & Soffa Investments, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is 50 %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012520, Frame 0263, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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3. From: _____ To: _____
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

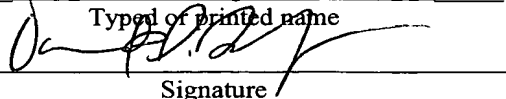
☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

March 23, 2004
Date

David S. Safran, Reg. No. 27,997
Typed or printed name


Signature

Attorney of Record
Title

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: (1) Masayuki AZUMA, (2) Hir fumi SHIMODA, (3) Mani FISCHER

Application No./Patent No.: 10/053,377 Filed/Issue Date: January 23, 2002

Entitled: HIGH SPEED METHOD OF ALIGNING CUTTING LINES OF A WORKPIECE USING PATTERNS

Tokyo Semitsu Co., Ltd., a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is 50 %

in the patent application/patent identified above by virtue of either:

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OR

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

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The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

March 23, 2004
Date

David S. Safran, Reg No. 27,997

Typed or printed name

[Signature]
Signature

Title

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02-04-2002

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U.S. Patent and Trademark Office
Docket No. 740107-139

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Masayuki AZUMA, Hirofumi SHIMODA
And Mani FISCHER

2. Name and address of receiving party(ies)

Name: Tokyo Seimitsu Co., Ltd.

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Street Address: 7-1, Shimorenjaku 9-chome, Mitaka-shi

City: Tokyo State: _____ Zip: _____

Country: JAPAN Postal Code: _____

Execution Date: 08/20/2001 and 08/27/2001

Additional name(s) & address(es) attached? ☒ Yes ☐ No

4. Application number(s) or patent number(s);

If this document is being filed together with a new application, the execution date of the application is:
08/20/2001 and 08/28/2001

A. Patent Application No.(s)

B. Patent No.(s): 6,142,138

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Attorney Name: David S. Safran

Firm Name: Nixon Peabody LLP

Internal Address: Suite 800

Street Address: 8180 Greensboro Drive,

City: McLean State: VA Zip: 22102

7. Total number of applications and patents involved: 18. Total fee (37 CFR 3.41).....\$40.00

☒ Enclosed

☒ Authorized to be charged to deposit account

6. Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)
Document ID# _____
☐ Correction of PTO Error
Reel # _____ Frame # _____
☐ Corrective Document
Reel # _____ Frame # _____

9. Deposit account number:

19-2380(740107-139)

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10. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David S. Safran

Name of Person Signing

Signature

January 23, 2002

Date

Total number of pages including cover sheet, attachments, and documents: _____

CERTIFICATE OF MAILING
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2. Name and address of receiving party(ies)

Name: Kulicke & Soffa Investments, Inc.

Internal Address: _____

Street Address: 300 Delaware Avenue, Suite 533

City: Wilmington State: DE Zip: 19801-1622

Country: U.S.A. Postal Code: _____

This collection of information is required by 35 USC 261 and 262 and 15 USC 1057 and 1060. The information is used by the public to submit (and by the USPTO to process) patents and trademark assignment requests. After the USPTO records the information, the records for patent and trademarks, assignments, and other associated documents can be inspected by the public. To view documents recorded under secrecy orders or documents recorded due to the interest of the federal government, a written authorization must be submitted. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the form to the USPTO. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Manager of the Assignment Division, Crystal Gateway 4, Room 310, 1213 Jefferson Davis Highway, Arlington, VA 22202. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231.

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to 1) Tokyo Seimitsu Co., Ltd. and 2) Kulicke & Soffa Investments, Inc. of 1) 7-1, Shimorenjaku 9-chome, Mitaka-shi, Tokyo, Japan and 2) 300 Delaware Avenue, Suite 533, Wilmington, Delaware 19801-1622 its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

**HIGH SPEED METHOD OF ALIGNING CUTTING LINES
OF A WORKPIECE USING PATTERNS**

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the patent for United States Letters Patent therefore, issued November 7, 2000, assigned Patent No. 6,142,138, and all divisions, continuations, reissues, reexaminations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said 1) Tokyo Seimitsu Co., Ltd. and 2) Kulicke & Soffa Investments, Inc., its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said 1) Tokyo Seimitsu Co., Ltd. and 2) Kulicke & Soffa Investments, Inc.

- | | (Full Name) | (Signature) |
|----|--|-----------------------|
| 1. | Date <u>20/Aug/2001</u> Inventor <u>Masayuki AZUMA</u> | <u>Masayuki Azuma</u> |
| | Residence <u>Same as Post Office Address</u> Citizenship <u>Japanese</u> | |
| | Post Office Address <u>7-1, Shimorenjaku 9-chome, Mitaka-shi, Tokyo, Japan</u> | |
| 2. | Date <u>Aug. 20, '01</u> Inventor <u>Hirofumi SHIMODA</u> | <u>Hiro Shimoda</u> |
| | Residence <u>Same as Post Office Address</u> Citizenship <u>Japanese</u> | |
| | Post Office Address <u>7-1, Shimorenjaku 9-chome, Mitaka-shi, Tokyo, Japan</u> | |
| 3. | Date <u>27/08/01</u> Inventor <u>Mani FISCHER</u> | <u>M. Fischer</u> |
| | Residence <u>Same as Post Office Address</u> Citizenship <u>Israeli</u> | |
| | Post Office Address <u>7 Taberski Street, Haifa, 34762 Israel</u> | |
| 4. | Date _____ Inventor _____ | |
| | Residence <u>Same as Post Office Address</u> Citizenship _____ | |
| | Post Office Address _____ | |

Witness(es)

- (All) _____
- | | |
|-------------------------|-------------------------|
| 1) <u>Katsue Idenda</u> | 2) <u>Katsue Idenda</u> |
| 3) <u>Ran Menor</u> | 4) _____ |



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APRIL 30, 2002

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Commissioner for Trademarks
Arlington, VA 22202-3513
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NIXON PEABODY LLP
DAVID S. SAFRAN
8180 GREENBORO DRIVE
SUITE 800
MCLEAN, VA 22102

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RECORDATION DATE: 01/23/2002

REEL/FRAME: 012520/0263
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
AZUMA, MASAYUKI

DOC DATE: 08/20/2001

ASSIGNOR:
SHIMODA, HIROFUMI

DOC DATE: 08/20/2001

ASSIGNOR:
FISCHER, MANI

DOC DATE: 08/27/2001

ASSIGNEE:
TOKYO SEIMITSU CO., LTD.
7-1, SHIMORENJAKU 9-CHOME, MITAKA-
SHI
TOKYO, JAPAN

ASSIGNEE:
KULICKE & SOFFA INVESTMENTS, INC.
300 DELAWARE AVENUE, SUITE 533
WILMINGTON, DELAWARE 19801-1622

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012520/0263 PAGE 2

SERIAL NUMBER: 10053377
PATENT NUMBER:

FILING DATE:
ISSUE DATE:

SERIAL NUMBER: 09199198
PATENT NUMBER: 6142138

FILING DATE: 11/25/1998
ISSUE DATE: 11/07/2000

JEFFREY OLSEN, EXAMINER
ASSIGNMENT DIVISION
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UNITED STATES
PATENT AND
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Chief Information Officer
Washington, DC 20231
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AUTHORIZATION TO CHARGE ADDITIONAL FEES TO DEPOSIT



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MARCH 27, 2002

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JEFFREY OLSEN, EXAMINER
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UNSPECIFIED OTHER SERVICES	585